

Connectors 88006.0000



Technical data

Dimensions W x H x D (mm)	25 x 60 x 12
Number of screws	8
Usable screw size	Ø4,5 x 50 - 80 mm
Minimum timber dimensions with screws Ø4,5x50 mm on the secondary beam	45 x 70 mm
Minimum timber dimensions with screws Ø4,5x50mm on the main beam	60 x 70 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø4,5x50 mm	4,79 kN
Characteristic load-bearing capacity* in the insertion direction with screws Ø4,5x80 mm	7,64 kN
VPE	20

Optimal distances to the edges and variable screws length ensure accuracy of fit for each timber section.

* Further static values can be found in our statics book or the ETA 15/0187.

** Steel failure decisive Values in brackets for service class 3* Further static values can be found in our structural analysis book or the ETA 15/0187.

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Static values

Effektive Gewindelänge (l_{ef})		Mindestquerschnitt (mm)				Charakteristische Tragfähigkeit R_k (kN)									
						Vollholz C24 ($\rho_k = 350 \text{ kg/m}^3$)					Brettschichtholz GL24h ($\rho_k = 385 \text{ kg/m}^3$)				
		HT		NT				NT		HT			NT		HT
Schrauben	l_{ef} (mm)	Höhe	Breite	Höhe	Breite	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$
4,5x50 mm	44 mm	70	60	70	45	4,43	-	5,01	7,92	6,01	4,79	-	5,25	8,30	6,49
4,5x60 mm	54 mm	80	70	80	45	5,33	-	5,01	7,92	7,23	5,75	-	5,25	8,30	7,80
4,5x80 mm	74 mm	100	90	100	45	7,08	-	5,01	7,92	9,59	7,64	-	5,25	8,30	10,35

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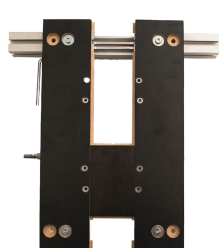
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Accessoires



50934.1000
Grooving cutter Ø 10 mm



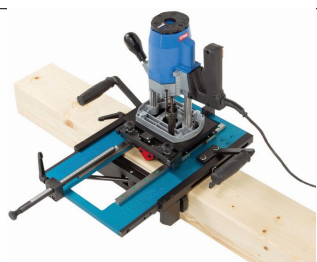
58000.0000
Milling and assembly
template for connectors
88004 - 88322



58396.0000
Collet holder



58396.0008
Collet Ø 8 mm



58399.0000
Milling unit composed of
Milling bit, milling template
and hand overhead...



99111.4550
Countersunk screw V2A
4,5 x 50 mm



99111.4560
Countersunk screw V2A
4,5 x 60 mm

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